



Norman H. Bangerter
Governor

Suzanne Dandoy, M.D., M.P.H.
Executive Director

March 4, 1988

CERTIFIED MAIL
(Return Receipt Requested)

RECEIVED
MAR 11 1988

DIVISION OF
OIL, GAS & MINING

Delano Development Corp.
P.O. Box 1120
Beaver, Utah 84713

RE: Limestone Neutralization Beds
Construction Permit

Gentlemen:

This office has completed its review of plans and supporting information received with your engineers' transmittal letter dated November 17, 1987.

It is our understanding that the proposed project is to consist of the construction of a limestone bed, 5 feet wide, 2 feet high and 50 feet long, located above a retention pond and another similiar limestone bed located just below the spillway of the retention pond. The final pH is to be approximately 6. There are also six pH monitoring locations on the acid drainage above and below the limestone beds as shown on the site plan. The water would then flow to existing ponds between Highway 91 and I-15.

Based on the foregoing, a construction permit is hereby issued subject to the following conditions and comments:

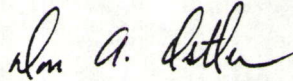
1. This method of increasing the pH of the sulfur mine water is experimental and is not considered to be a permanent solution to the low pH problems experienced at this facility.
2. Sulphur Creek above the site and uncontaminated diversion canal water must remain separated from any low pH drainage water from the sulphur pit.
3. Updated surface water sampling data for June through February 1988 must be submitted to this office by March 31, 1988.
4. A satisfactory schedule must be submitted to this office by April 7, 1988 for the submittal of the additional pond information requested in our March 21, 1986 and March 4, 1987 letters.

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Delano Development Corp.

We are still concerned that a groundwater monitoring program has not been submitted as requested in our earlier letters and meetings. This program should include as a minimum sufficient down gradient monitoring to define the area of contamination, rate and direction of groundwater movement, chemical analysis of groundwater, and frequency of analysis. If you have any questions regarding this letter please contact Steven McNeal of this office at 538-6146.

Sincerely,

UTAH WATER POLLUTION CONTROL COMMITTEE



Don A. Ostler, P.E.
Executive Secretary

cc: Bingham Engineering
Southwest District Health Department
Wayne Thomas
✓ Division of Oil, Gas & Mining

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